

**● PRINTER RUSH ●**  
(PTO ASSISTANCE)

Application : <u>10/076,363</u>	Examiner : <u>Nguyen</u>	GAU : <u>2877</u>
From : <u>MR</u>	Location : <u>IDC</u> FMF FDC	Date : <u>02-21-06</u>
Tracking #: <u>EPM 10076363</u>		Week Date: <u>12-05-05</u>

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	_____	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM	_____	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW	_____	<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW	_____	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> DRW	<u>06-23-04</u>	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input type="checkbox"/> SPEC	_____	

[RUSH] MESSAGE: ATTN: Chief Draftsman

Replacement sheet for drawings of Figs. 9B  
are too dark and illegible.  
Please resolve.

[XRUSH] RESPONSE: Drawings objections mailed 02/27/06

Tang

INITIALS: RLY

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.  
REV 10/04



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER <b>10/076363</b>	FILING/RECEIPT DATE <b>02/15/2002</b>	FIRST NAMES APPLICANT <b>HANSEN, W. PETER</b>	ATTORNEY DOCKET NUMBER <b>2004229-0031</b>
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CHOATE, HALL & STEWART LLP  
TWO INTERNATIONAL PLACE  
BOSTON MA 0211

Examiner

**NGUYEN, SANG**

Art Unit

**2877**

Paper Number

Date Mailed: 02-27-06

### Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on 02/15/02, 06/23/04 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review  
Nhan Tang -703-305-0333 - Ext. 132

#### RETURN CORRECTED DRAWINGS TO:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

### NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 2/15/02, 6/23/04 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_  
☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_  
☐ Photographs may not be mounted. 37 CFR 1.84(e)  
☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_  
☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable. Fig(s) \_\_\_\_\_  
☒ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or  
21.6 cm by 27.9 cm (8 1/2x 11 inches)  
☐ All drawing sheets not the same size. Sheet(s) \_\_\_\_\_  
☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☒ Margins not acceptable. Fig(s) 4  
☐ Top (T) ☒ Left (L)  
☐ Right (R) ☐ Bottom (B)

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly. Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 2-18

**11. SHADING.** 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) \_\_\_\_\_  
☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☒ Numbers and reference characters not plain and legible. Fig(s) 2-18

☒ Figure legends are poor. Fig(s) 2-18  
☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_

☒ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) 2-18

**13. LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate. Fig(s) \_\_\_\_\_  
☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

COMMENTS:

Reviewer Tang

Date 02/27/06

If you have questions, call (703) 305-8404. 0333 x 132

Attachment to Paper No. \_\_\_\_\_